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Instruction Manual

1T-EDID-11
EDID/CEC Selector

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1.0 INTRODUCTION

Thanks for purchasing the 1T-EDID-11 EDID/CEC Selector product from TV One. The 1T-EDID-11 allows easy set up of the EDID and CEC parameters between a source and display monitor. Instead of waiting for the source and display to synchronize, this HDMI switcher saves time by using preset EDID and CEC settings to speed up the process. It's also easy to change your settings should that become necessary due the selection of a different source or destination device or the purchase of new equipment.

Our professional video conversion products have been serving the industry for over twenty years. TV One offers a full line of high quality Seamless Switchers, Video Scalers, Up/Down/Cross Converters, Analog-Digital Converters (SD/HD-SDI, HDMI, DVI), Format Converters, Standards Converters, TBC/Frame Synchronizers, Matrix Routing Switchers, Signal Distribution Amplifiers and Cat.5 Transmission Systems.

1.1 Liability Statement

Every effort has been made to ensure that this product is free of errors. TV One cannot be held liable for the use of this hardware or any direct or indirect consequential damages arising from its use. It is the responsibility of the user of the hardware to check that it is suitable for his/her requirements and that it is installed correctly. All rights reserved. No parts of this manual may be reproduced or transmitted by any form or means electronic or mechanical, including photocopying, recording or by any information storage or retrieval system without the written consent of the publisher.

TV One reserves the right to revise any of its hardware and software following its policy to modify and/or improve its products where necessary or desirable. This statement does not affect the legal rights of the user in any way.

All third party trademarks and copyrights are recognized. The TV One logo, TV One-task and CORIO are the registered Trademarks of TV One. All other trademarks are the property of their respective holders.

1.2 Features

This 1T-EDID-11 EDID/CEC Selector has many features that enable it to perform in a superior manner. Among these features you will find:

- Compliant with HDMI v1.3 and DVI 1.0 standards
- Serial data rates of up to 2.25Gbps.
- Supports 12 bit Deep Color
- Selectable DTV Resolutions of 720p, 1080i/p
- Selectable PC resolutions of XGA, SXGA and UXGA
- Supports embedded audio including Dolby Digital True HD and DTS-HD
- Built in CEC support with Compliant CEC PHY
- HDMI Range of up to 15 Meters (50 ft)
- Locking +5VDC Connectors for enhanced mechanical security

2.0 SPECIFICATIONS

Video Input	
HDMI & DVI-D	1x via HDMI Connector, Type A
Video Outputs	
HDMI	1x via HDMI Connector, Type A
Video Signal Processing	
Frequency Bandwidth	2.25Gbps
Standards Supported	
HDMI, DVI	(DVI via DVI to HDMI Cable Adapter)
Video Formats Supported	
SD and HD Formats	480i/p, 576i/p, 720p, 1080i/p
RGB Formats Supported	
DVI Equivalents	VGA, SVGA, XGA, SXGA and UXGA
Embedded Audio Support	
Dolby and LPCM	TrueHD, DTS-HD, LPCM 7.1, LPCM 2.0.
Cable Distance	
Max Distance	For 1080p, 15m (50ft)
Environmental	
Operating Temperature	0° to +40° C (+32° to +104° F)
Operating Humidity	20% to 90%, Non-condensing
Storage Temperature	-10° to +60° C (+14° to +140° F)
Storage Humidity	20% to 90%, Non-condensing
Warranty	
Limited Warranty	3 Years Parts and Labor
Regulatory Approvals	
3G Extender Unit	FCC, CE, RoHS
Power Supply	UL, CUL, CE, PSE, GS, RoHS
Mechanical (H-W-D)	
1T-EDID-11 (HWD)	30x125x90mm (1.2x4.9x3.54”)
Weight	
1T-EDID-11	250g (0.55 lbs)
Power Requirement	
External Power Supply	5 VDC@2A, Locking DC
Accessories Included	
1x Power Adapter	US, UK or Euro
1x User Manual	
Model Numbers	
1T-EDID-11	EDID/CEC Selector

3.0 CHECKING PACKAGE CONTENTS

Before attempting to use this unit, please check the packaging and make certain the following items are contained in the shipping carton:

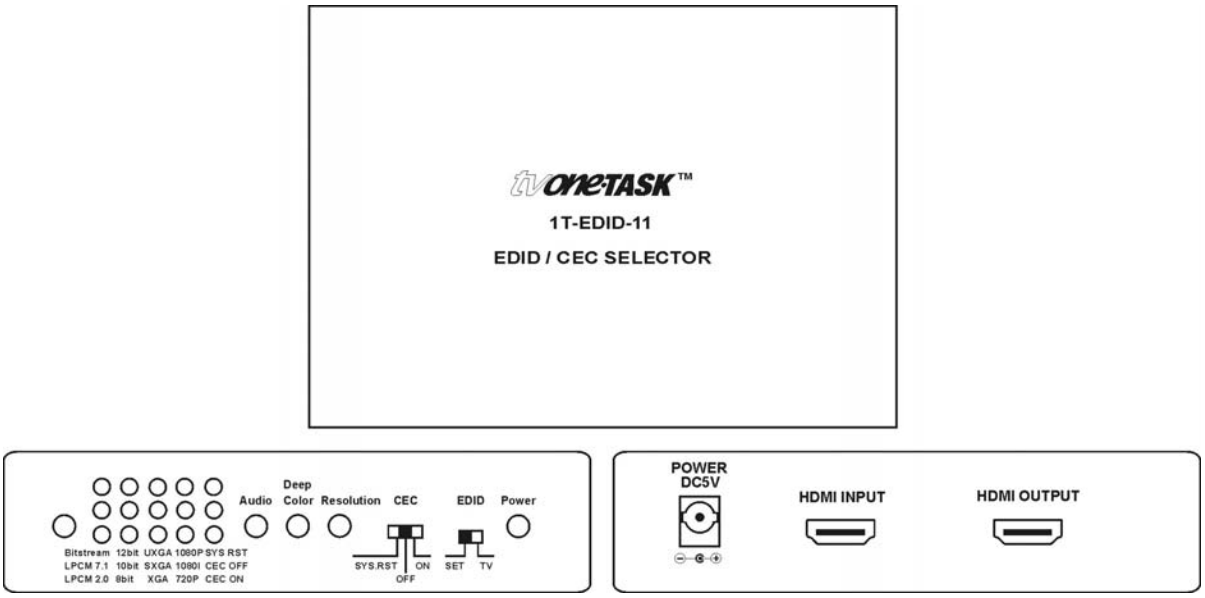
- 1x 1T-EDID-11 EDID/CEC Selector
- 1x Power Adapter
- 1x Operations Manual

Note: Please retain the original packing material should the need ever arise to return the unit. If you find any items are missing, contact your reseller or TV One immediately. Have the Model and Serial Number and Invoice available for reference when you call.

4.0 CONNECTING THE HARDWARE

Please study the panel drawings below and become familiar with the signal input, outputs, power requirements/inputs plus any controls present. *Note: The resolution capability of the remotely located display devices must be capable of displaying the output of 1T-EDID-11 Selector. Before connecting the 1T-EDID/CEC Selector, verify that the display device can support the selected resolution.*

4.2 1T-EDID-11 EDID/CEC Selector



Connect the source device's output to the HDMI IN connector of the 1T-EDID-11 using a high quality cable.

Connect an HDMI cable to the HDMI OUTPUT connector and then to the display device.

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Lastly, connect the AC adapter to the unit and observe that the Power LED is illuminated when you press the power button.

5.0 OPERATING THE UNIT

HDMI compatible display devices will eventually sort out the incoming resolution and signal type. If capable of displaying the incoming signal, they will do so after several seconds. The purpose of the 1T-EDID-11 is to allow you to speed up the process by pre-selecting the appropriate signal.

The 1T-EDID-11's controls are used as follows:

- The Power button applies the output from the AC adapter to the unit's electronics.

- The Enter button is pressed after each selection is made via the other controls and the array of LEDs are status indicators showing the signal characteristics you have selected.

- The Audio button selects the embedded audio Bitstream from Dolby: (TrueHD, DTS-HD) or LPCM 7.1 or LPCM 2.0.

- The Deep Color Button selects either a 12 bit, 10 bit or 8 bit data stream.

- The Resolution Button selects UXGA, SXGA, XGA, 1080p, 1080i or 720p. *(Note that you must place the EDID selector switch in the SET position or the resolution set function will not be able to control its parameter. When this function is used, it will only control the resolution. Frame rate [vertical rate] will not be affected.)*

- Switching the CEC switch to SYS.RST causes the system to reset every 8-10 minutes forcing the display device to re-sync. If the switch is placed in the OFF position, the 1T-EDID-11 functionality is defeated and the display device functions according to its design parameters. Switching the CEC switch to ON will cause the 1T-EDID-11 to function in response to your inputs. *(Note that you must press the Enter button each time you change the position of the CEC switch.)*

- The EDID switch will allow you to control the way your source sees your display when it is in the SET position. Placing the switch in the TV position allows the EDID information from your display to pass to your source normally.

Please note that when you connect a source to our 1T-EDID-11, you need to check whether or not your source will auto-detect the EDID once the EDID is changed. Some devices (such as the PS3) will not automatically detect that the EDID has changed and will need to be told to re-check manually.

6.0 TROUBLESHOOTING

Other than faulty cables or attempting to use the product over too great a distance, there are seldom problems with the 1T-EDID-11 EDID/CEC Selector product.

If there is no image present at the remote location, connect the display device directly to the source to make certain that the problem is not in the display. If an image is present under those circumstances, make certain the unit is receiving power. Next make certain your cables are defect free and securely attached to the cable at each end. After trying the above suggestions should the problem still persist, contact your dealer for additional suggestions before contacting TV One. Should the dealer's technical personnel be unable to assist you, contact TV One via our support website: ***http://tvone.crmdesk.com.*** Create a technical support request on the site and our support team will respond within a short period of time.

7.0 LIMITED WARRANTY

TV One warrants the original purchaser that the equipment it manufactures or sells will be free from defects in materials and workmanship for a fixed term from the date of purchase. The warranty term for specific product lines is defined below.

1. TV One branded products based on TV One's CORIO technology are warranted for a period of five years from the date of purchase. This includes products with the model number prefix of C2, 1T-C2, CX, A2 or S2.

2. TV One-task branded products, other than those based on TV One's CORIO technology mentioned above, are warranted for a period of three years from the date of purchase. This includes products with the model number prefix of 1T, with the exception of 1T-C2.

3. LCD Monitors are warranted for a period of three years from the date of purchase, with the exception of the LCD panels integrated into the monitors that are supplied by third parties. LCD panels are limited to the term and conditions of the warranty offered by the respective LCD panel manufacturer. Such specific LCD panel warranties are available upon request to TV One.

Should a product, in TV One's opinion, prove defective within this warranty period, TV One, at its option, will repair or replace this product without charge. Any defective parts replaced become the property of TV One. This warranty does not apply to those products which have been damaged due to accident, unauthorized alterations, improper repair, modifications, inadequate maintenance and care, or use in any manner for which the product was not originally intended.

If repairs are necessary under this warranty policy, the original purchaser must obtain a Return Authorization Number from TV One and return the product to a location

designated by TV One, freight prepaid. After repairs are complete, the product will be returned, freight prepaid.

LIMITATIONS - All products sold are "as is" and the above Limited Warranty is in lieu of all other warranties for this product, expressed or implied, and is strictly limited to two years from the date of purchase. TV One assumes no liability to distributors, resellers or end-users or any third parties for any loss of use, revenue or profit.

TV One makes no other representation of warranty as to fitness for the purpose or merchantability or otherwise in respect of any of the products sold. The liability of TV One with respect to any defective products will be limited to the repair or replacement of such products. In no event shall TV One be responsible or liable for any damage arising from the use of such defective products whether such damages be direct, indirect, consequential or otherwise, and whether such damages are incurred by the reseller, end-user or any third party.

8.0 REGULATORY COMPLIANCE

The 1T-EDID-11 EDID/CEC Selector has been tested for compliance with appropriate FCC and CE rules and regulations. The Power Adaptor/Supply has been tested for compliance with appropriate UL, CUL, CE, PSE, GS Rules, Regulations and/or Guidelines. This Product and Power Adapter is RoHS Compliant.

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